

In the Claims:

1. (Previously presented) A battery charging assembly for charging a battery of a mobile device comprising:

a charging unit having in a single integral unit a base wall for seating against a surface, with a receptacle defined in the base wall that faces downwardly when the base wall is positioned on a horizontal surface, a power converter for converting an input voltage to a desired output voltage, an output assembly for charging a battery of a mobile device, and at least one electrical contact for receiving the input voltage positioned in the receptacle;

a first input assembly detachably associated with the charging unit, said input assembly comprising an adapter for removable attachment to the receptacle of the charging unit such that the adapter forms part of the base wall with an outer surface that lies substantially parallel and in close or contacting proximity to the horizontal surface when installed, a power cord, and a plug configured to mate with a style of electrical outlet such that the charging unit is positionable at a remote location from the electrical outlet, said adapter having a face, with at least one electrical contact for mating with the at least one electrical contact of the charging unit positioned on the face thereof, wherein the first input assembly face faces the receptacle when installed therein; and wherein said first input assembly is not capable of storing power for independent use.

2. (Previously presented) The battery charging assembly of claim 1, further comprising a second input assembly interchangeable with the first input assembly, the second input assembly comprising a second input assembly adapter for removable attachment to the receptacle of the charging unit such that the adapter forms part of the base wall with an outer surface that lies substantially parallel and in close or contacting proximity to the horizontal surface when installed, said second input assembly adapter including a plug configured to mate with an electrical outlet such that the charging unit is positionable adjacent an electrical outlet when the second input assembly adapter is installed; and wherein said second input assembly is not capable of storing power for independent use.

3. (Original) The battery charging assembly of claim 1, wherein the output assembly comprises a USB connector.

4. (Original) The battery charging assembly of claim 3, further comprising a cord coupled to the USB connector.

5. (Original) The battery charging assembly of claim 1, wherein the output assembly comprises electrical contacts associated with the charging unit and configured to charge at least one of a battery and a mobile device.

6. (Original) The battery charging assembly of claim 1, wherein the output assembly comprises a docking station coupled to the charging unit.

7. (Original) The battery charging assembly of claim 1, wherein the charging unit comprises a socket and the adapter of the first input assembly is configured to detachably mate with the socket.

8. (Original) The battery charging assembly of claim 7, further comprising a latch mechanism for removably latching the adapter in the socket.

9. (Original) The battery charging assembly of claim 8, wherein the latch mechanism comprises an arm and a recess.

10. (Original) The battery charging assembly of claim 9, wherein the arm is attached to the charging unit and the recess is defined on the adapter.

11. (Original) The battery charging assembly of claim 10, further comprising a release mechanism for releasing the adapter from the recess.

12. (Original) The battery charging assembly of claim 1, wherein the power cord, adapter and plug are integral.

13. (Original) The battery charging apparatus of claim 1, wherein the charging unit further comprises a power converter module.

14. (Original) The battery charging apparatus of claim 13, wherein the power converter module comprises at least one of a fuse, an input source, an electrical filter, a transformer, a top switch feedback loop, an output-rectified filter, a DC-DC converter, an AC-AC converter, an AC-DC converter, an output filter, and a voltage and current feedback controller.

15. (Original) The battery charging assembly of claim 1, wherein the power cord, adapter, and plug comprise separate parts that are configured to mate together.

16. (Previously presented) A battery charging apparatus for use in charging an electronic device comprising:

a charging unit having a base wall for seating against a horizontal surface, a power converter, an output assembly coupled to the charging unit for charging a battery of an electronic device, and a socket defined in the base wall having at least one electrical contact positioned therein, the socket defining a recess that faces downwardly when the base wall is seated on a horizontal surface, said charging unit being a single, integral unit;

a set of input assemblies, each configured for individual detachable association with the socket of the charging unit, each said input assembly comprising an adapter for removable attachment within the socket, a power cord, and a plug configured to mate with a style of electrical wall socket, where each plug is configured to mate with a different style of electrical wall socket, said adapter having at least one electrical contact for mating with the at least one electrical contact of the socket, wherein the adapter forms part of the base wall when installed therein such that an exterior surface of the adapter faces the horizontal surface when the charging unit is seated on the horizontal surface, said exterior surface of the adapter being smooth to allow the base wall and adapter to seat against the horizontal surface; and wherein each said input assembly is not capable of storing power for independent use.

17. (Original) The battery charging apparatus of claim 16, further comprising a latching mechanism for detachably latching the adapter in the socket.

18. (Original) The battery charging apparatus of claim 17, further comprising a release mechanism for unlatching the adapter from the socket.

19. (Original) The battery charging apparatus of claim 16, wherein the output assembly comprises a USB connector and a cord for charging a battery of an electronic device at a location remote from the charging unit.

20. (Previously presented) An adapter for coupling a power cord to a receptacle associated with a charging unit having a power converter comprising:

a body member removably configured to seat in a receptacle defined in a base wall of the charging unit such that a front face of the body member faces the receptacle and is hidden from view when installed therein, a rear face of the body member forms part of the wall of the charging unit, and has a substantially flat outer surface that allows the body member rear face to be positioned flush with the base wall of the charging unit and having at least one electrical contact for mating with an electrical contact positioned in a receptacle, said body member including a latching mechanism for latching the body member into the receptacle, said adapter being configured to attach to a power cord and plug; and wherein said adapter is not capable of storing power for independent use.

21. (Original) The adapter of claim 20, wherein the latching mechanism comprises a recess configured to receive an arm.

22. (Original) The adapter of claim 20, wherein the latching mechanism comprises a pair of spring clips configured to engage a post defined in a receptacle.

23. (Currently Amended) The adapter of claim 22, wherein each of the pair of spring clips includes an inwardly extending protrusion for mating with a corresponding non-cylindrical recess defined on a post positioned in [[a]] the receptacle;

24. (Currently Amended) The adapter of claim 23, further comprising a pin-shaped plunger positioned transversely between the pair of spring clips, said plunger being movable vertically in a direction perpendicular to the movement of relative to the spring clips and having a tapered contour that spreads the spring clips apart when moved downwardly vertically.

25. (Currently Amended) The adapter of claim 20, further comprising at least one guide pin positioned inside the receptacle for guiding the body member into [[a]] the receptacle.

26. (Original) The adapter of claim 20, wherein the latching mechanism comprises a pair of guide bars configured to engage a post positioned in a receptacle and a pair of detents positioned on opposite sides of the body member, said detents configured to engage spring biased ball bearings that are positioned on a receptacle.

27. (Original) The adapter of claim 26, wherein the guide bars have an L-shaped cross-section, with one leg of the L configured to engage a post positioned in a receptacle.

28. (Original) The adapter of claim 20, wherein the latching mechanism further comprises a release mechanism.

29. (Original) The adapter of claim 28, wherein the release mechanism is a push button.

30. (Original) The adapter of claim 28, wherein the release mechanism is a plunger.

31. (Canceled)

32. (Previously presented) The battery charging assembly of claim 16, wherein the output assembly comprises a USB connector and a power cable.

33. (Previously presented) The battery charging assembly of claim 16, wherein the output assembly comprises a mini USB connector coupled to a USB A connector via a cable.

34. (Canceled)

35. (New) The adapter of claim 20, further comprising at least one guide pin for guiding the body member into the receptacle, said guide pin being electrically conductive.